

L17	70663	(pat or "packet arrival time")with (base same extension)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:14
L18	51	(pat or "packet arrival time")with (base with extension)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:04
L19	74019	(pat or "packet arrival time")with (base and extension)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:14
L20	12012	timestamp\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:04
L21	267097	stamp\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:05
L22	75563	21 and 16	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:05
L23	4063	21 and 17	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:05
L24	22	21 and 18	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:05

L25	1015	(pat or "packet arrival time")with (base same extension)same stamp\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:14
L26	4483	(pat or "packet arrival time")with (base and extension) and (stamp\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:18
L27	1034	(pat or "packet arrival time")with (base and extension) same (stamp\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:15
L28	23	(pat or "packet arrival time")with (base and extension) same (timestamp\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:16
L29	3	28 and @ad<"19990209"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:19
L30	0	pat-base and pat-extension	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:18
L31	7	pat near base and pat near extension	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:21
L32	0	31 and @ad<"19990209"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:19

L33	14	((("4011517") or ("5616337") or ("6169843") or ("6408338") or ("6445877") or ("6453116")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 15:25
L34	0	("33and(baseandextension)").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 15:25
L35	1	33 and (base and extension)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:25

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5689507").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 14:38
L2	0	base and 1	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:40
L3	142	keesen.in.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:40
L4	43	3 and heinz-werner	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:41
L5	16595	4 anf timestamp\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:41
L6	1	4 and timestamp\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:41
L7	0	timestamping.ti. and bitstrea.ti.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:42
L8	1	timestamping.ti. and bitstream.ti.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:49

L9	0	8 and pat	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:44
L10	0	8 and base	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:44
L11	4	((("5689507") or ("5579183")).PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 14:51
L12	316	("27 mhz" or "27mhz") and ("90khz" or "90 khz")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:52
L13	77	12 and @ad<"19990209"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:16
L14	53	13 and (base and extension)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 14:53
L15	21	14 and timestamp\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:02
L16	2205623	(pat or "packet arrival time")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:03


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IEEE standard for a high performance serial bus

This paper appears in: **IEEE Std 1394-1995**

Publication Date: 30 Aug 1996

On page(s): -

E-ISBN: 0-7381-1203-8

ISBN: 1-55937-583-3

References Cited: 9

INSPEC Accession Number: 5430006

Posted online: 2002-08-06 20:22:35.0

Abstract

A high-speed serial bus that integrates well with most IEEE standard 32-bit and 64-bit parallel buses as such nonbus interconnects as the IEEE Std 1596-1992, Scalable Coherent Interface, intended to provide a low-cost interconnect between cards on the same backplane, cards on different backplanes, and external peripherals. This standard follows the IEEE Std 1212-1991, Command and Control Architecture.

Index Terms

Indexing

Controlled Indexing

[IEEE standards](#) [add-on boards](#) [peripheral interfaces](#) [system buses](#)

Non-controlled Indexing

[32-bit parallel buses](#) [64-bit parallel buses](#) [CSR architecture](#) [Command and Control Architecture](#) [IEEE Std 1212-1991](#) [IEEE Std 1596-1992](#) [IEEE standard SCI](#) [Coherent Interface](#) [backplane](#) [cards](#) [external peripherals](#) [high-performance serial bus](#) [low-cost interconnect](#) [nonbus interconnects](#)

Author Keywords

Not Available

References

No references available on IEEE Xplore.

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- 3 Home network file system for home network based on IEEE-1394 technology, Igarashi, T.; Nishimura, T.; Ozawa, T.; Takizuka, H.; *Consumer Electronics, IEEE Transactions on*
On page(s): 1000-1003, Volume: 45, Issue: 3, Aug 1999
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- 4 An empirical analysis of the IEEE-1394 serial bus protocol, Steinberg, D.; Birk, Y.
Micro, IEEE
On page(s): 58-65, Volume: 20, Issue: 1, Jan/Feb 2000
[Abstract](#) | Full Text: [PDF](#) (152)
- 5 Semicustom design of an IEEE 1394-compliant reusable IC core, Bertacchi, M.; Gros Olivieri, M.
Design & Test of Computers, IEEE
On page(s): 95-105, Volume: 17, Issue: 3, Jul/Sep 2000
[Abstract](#) | Full Text: [PDF](#) (116)
- 6 Networking home entertainment devices with HAVi, Lea, R.; Gibbs, S.; Dara-Abrams
Computer
On page(s): 35-43, Volume: 33, Issue: 9, Sep 2000
[Abstract](#) | Full Text: [PDF](#) (128)
- 7 Ultra-wideband wireless systems, Aiello, G.R.; Rogerson, G.D.
Microwave Magazine, IEEE
On page(s): 36- 47, Volume: 4, Issue: 2, June 2003
[Abstract](#) | Full Text: [PDF](#) (2463)

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177643

1127105

219/99

Other:

Format for Search Results (Circle One):

PAPER **DISK** **EMAIL**

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-fc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Method for creation and recording time information
for searching digital data

Recording time information for managing presentation data
" " " " for the presentation data
Format same : It includes base part and extension
part.

Video data
and

X - WO - A - 00/14952

III 1394

ISO/IEC 11172, 13818
14496

Search strategies

(PAT or Packet arrival time)

PAT_base

base extension

PAS - extension

time stamping

and streamer

27 mhz 90 Khz $\frac{1}{2}$

Inventor: Kim, Byung-Jin

STIC Searcher _____ Phone _____

Date picked up _____ Date Completed _____



Set	Items	Description
S1	86999	PACKET()ARRIVAL()TIME? ? OR PAT
S2	13567	TIMESTAMP? ? OR TIME()STAMP? ?
S3	94	S1 (30N) S2
S4	830330	BASE
S5	202351	EXTENSION
S6	3	S3 (30N) (S4 (10N) S5)
S7	4	S3 (30N) S4 (30N) S5
S8	1	S7 NOT S6
S9	1461400	PRESENTATION OR PRESENTING OR PRESENTED OR VIEWING OR VIEW OR VIEWED OR DISPLAYING OR DISPLAYED OR DISPLAY OR PLAY OR PL- AYED OR PLAYING OR SHOW OR SHOWING OR SHOWN
S10	1672517	PART? ? OR SECTION? ? OR SECTOR? ? OR PORTION? ?
S11	368350	(TWO OR SECOND OR 2ND) (2N) S10
S12	0	S11 (5N) S3
S13	0	S11 (10N) S3
S14	125	S11 (10N) S1
S15	3	S14 AND IC=G06F
S16	3	S15 NOT (S6 OR S8)
S17	1256505	TIME
S18	77	S11 (10N) S2
S19	9	S18 (10N) S9
S20	9	S19 NOT (S6 OR S8 OR S16)
S21	9	IDPAT (sorted in duplicate/non-duplicate order)
S22	9	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2005/Dec W04
(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20051229,UT=20051222
(c) 2005 WIPO/Univentio

22/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01855936

Transmission of event markers to data stream recorder

Übertragung von Ereignismarkierungen an einen Datenstromrekorder

Transmission des marqueurs d'evenements a un enregistreur de flux de donnees

PATENT ASSIGNEE:

Ricoh Company, Ltd., (209037), 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo
143-8555, (JP), (Applicant designated States: all)

INVENTOR:

Piersol, Kurt Ricoh Innovations, Inc., California Research Center 2882
Sand Hill Road, Suite 115 Menlo Park CA 94025-7022, (US)

LEGAL REPRESENTATIVE:

Schwabe - Sandmair - Marx (100951), Stuntzstrasse 16, 81677 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1507262 A1 050216 (Basic)

APPLICATION (CC, No, Date): EP 2004018483 040804;

PRIORITY (CC, No, Date): US 641456 030814

DESIGNATED STATES: DE; ES; FR; GB; IT; NL

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS: G11B-027/32; G11B-027/10

ABSTRACT EP 1507262 A1

An information stream (media stream) can be "bookmarked" with event markers to note points in time in the information stream of occurrences of interesting events. Repeat occurrences of an event are noted with the same event marker. The events of interest need not be a priori determined. In fact, unexpected events can be readily noted.

ABSTRACT WORD COUNT: 56

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 050216 A1 Published application with search report

Examination: 050216 A1 Date of request for examination: 20040804

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200507	1655
SPEC A	(English)	200507	10653
Total word count - document A			12308
Total word count - document B			0
Total word count - documents A + B			12308

...CLAIMS additional timestamps into the first information stream in the same manner as for the first **timestamp**, thereby producing a second information stream; and
presenting portions of the **second** information stream, comprising:
grouping **portions** of the **second** information based on event markers contained in the **timestamps** ;
producing images representative of each of the **portions** of the **second** information stream; and
presenting the images on a visual medium, wherein images corresponding to those portions of the second...

22/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01691451

Methods and systems for processing digital data rate and playback direction changes

Verfahren und Systeme zur Bearbeitung von Veränderungen der Digitaldatenrate und der Wiedergaberichtung

Procedes et systemes de traitement de changements de debit de donnees numeriques et de direction de reproduction.

PATENT ASSIGNEE:

MICROSOFT CORPORATION, (749861), One Microsoft Way, Redmond, Washington 98052-6399, (US), (Applicant designated States: all)

INVENTOR:

Evans, Glenn F., 7833 NE 133rd Pl., Kirkland WA 9834, (US)

Chakrabarti, Alok, 5724 141st Pl. SE, Bellevue WA 98006, (US)

Gates, Matthijs A., 1225 Shenandoah, Dr. E., Seattle WA 98112, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1387579 A2 040204 (Basic)

APPLICATION (CC, No, Date): EP 2003014096 030623;

PRIORITY (CC, No, Date): US 185800 020628

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: H04N-005/783

ABSTRACT EP 1387579 A2

Various methods and systems permit digital data, such as video data, audio/video data, audio/video/subpicture data and the like, to be processed in a manner that permits playback at different speeds in both forward and reverse directions. Various embodiments are also directed to handling playback rate changes in a manner that can enhance the user's experience.

ABSTRACT WORD COUNT: 56

NOTE:

Figure number on first page: 5,8

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 040204 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200406	4103
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SPEC A	(English)	200406	13906
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Total word count - document A	18009
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Total word count - document B	0
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Total word count - documents A + B	18009
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...SPECIFICATION property sets to the audio renderer. The audio renderer will break the next buffer into **two sections** to be **played** at different rates. Each renderer consults the **timestamp** manager to map each input timestamp into an output timestamp.

The User Requests a Rate...

22/5,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01432867

Optical disc, optical disc recording apparatus, and optical disc recording method for facilitating dubbing, storage medium for storing optical disc recording program for facilitating dubbing, optical disc reproducing apparatus, and optical disc reproducing method

Optische Platte, optisches Plattenaufzeichnungsgerat und -verfahren zur Überspielungserleichterung sowie Speichermedium zur Speicherung eines optischen Plattenaufzeichnungsprogramms zur Überspielungserleichterung, optisches Plattenwiedergabegerat und -verfahren

Disque optique, appareil et methode d'enregistrement de disque optique pour faciliter le reenregistrement, milieu de stockage pour stocker un programme d'enregistrement de disque optique pour faciliter le reenregistrement, appareil et methode de reproduction de disque optique

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (1855503), 1006, Oaza Kadoma, Kadoma-shi, Osaka 571, (JP), (Applicant designated States: all)

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Okada, Tomoyuki, 1-13-34-801 Tomiomotomachi, Nara-shi Nara 631-0078, (JP)

Tsuga, Kazuhiro, 9-33, Tsutsujigaoka, Hanayashiki, Takarazuka-shi, Hyogo-ken 665-0803, (JP)

LEGAL REPRESENTATIVE:

Crawford, Andrew Birkby et al (29761), A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE, (GB)

PATENT (CC, No, Kind, Date): EP 1211689 A2 020605 (Basic)
EP 1211689 A3 050309

APPLICATION (CC, No, Date): EP 2002075092 981215;

PRIORITY (CC, No, Date): JP 97344874 971215; JP 98298214 981020

DESIGNATED STATES: DE; FR; GB; IT

RELATED PARENT NUMBER(S) - PN (AN):

EP 924704 (EP 98310262)

INTERNATIONAL PATENT CLASS: G11B-027/036; G11B-027/32; G11B-020/12;
H04N-005/92; H04N-005/926; H04N-009/82; H04N-009/804; H04N-005/85;
H04N-005/775; G11B-027/10

ABSTRACT EP 1211689 A2

A recordable optical disc stores one or more video objects. A video stream, a first audio stream, and a second audio stream which is used for dubbing are multiplexed into each video object. Also, an optical disc recording apparatus generates the second audio stream by an audio stream generating means, and multiplexes the generated second audio stream into each video object together with the video object and the first audio stream by a multiplexing means. The generated video objects are recorded onto the recordable optical disc by a recording means. The optical disc in which such video objects are stored facilitates dubbing.

ABSTRACT WORD COUNT: 103

NOTE:

Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020605 A2 Published application without search report

Examination: 020605 A2 Date of request for examination: 20020204

Change: 021002 A2 Inventor information changed: 20020812

Change: 050309 A2 International Patent Classification changed: 20050117

Search Report: 050309 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200223	1237
SPEC A	(English)	200223	15547
Total word count - document A			16784
Total word count - document B			0
Total word count - documents A + B			16784

...CLAIMS the first and second audio streams includes a plurality of reproduction sections respectively associated with **time stamps** which each specifies a **presentation** time of a corresponding reproduction **section** , and

the **second** audio stream is generated to have the **time stamps** to allow the second audio stream to be **presented** from the same start reproduction time to the same end reproduction time as the first...the first and second audio streams includes a plurality of reproduction sections respectively associated with **time stamps** which each specifies a **presentation** time of a corresponding reproduction **section** , and

the **second** audio stream is generated to have the time to allow the second audio stream to...

22/5,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01045234

Optical disc recording apparatus, and optical disc recording method for facilitating dubbing, storage medium for storing optical disc recording program for facilitating dubbing

Optisches Plattenaufzeichnungsgerat und -verfahren zur Überspielungserleichterung sowie Speichermedium zur Speicherung eines optischen Plattenaufzeichnungsprogramms zur Überspielungserleichterung

Appareil d'enregistrement d'un disque optique et methode d'enregistrement de disque optique pour faciliter le reenregistrement, milieu de stockage pour stocker un programme d'enregistrement de disque optique pour faciliter le reenregistrement

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, (JP), (Proprietor designated states: all)

INVENTOR:

Yagi, Tomotaka, 14-47-409, Takakura-cho, Nishinomiya-shi, Hyogo-ken 662-0872, (JP)

Miwa, Katsuhiko, 2-24-6-402, Yagumonishimachi, Moriguchi-shi, Osaka-fu 570-0006, (JP)

Okada, Tomoyuki, 6-6-101, Myokenzaka, Katano-shi, Osaka-fu 576-0021, (JP)

Tsuga, Kazuhiro, 9-33, Tsutsujigaoka, Hanayashiki, Takarazuka-shi, Hyogo-ken 665-0803, (JP)

LEGAL REPRESENTATIVE:

Crawford, Andrew Birkby et al (29761), A.A. Thornton & Co. 235 High Holborn, London WC1V 7LE, (GB)

PATENT (CC, No, Kind, Date): EP 924704 A2 990623 (Basic)
EP 924704 A3 990908
EP 924704 B1 030319

APPLICATION (CC, No, Date): EP 98310262 981215;

PRIORITY (CC, No, Date): JP 97344874 971215; JP 98298214 981020

DESIGNATED STATES: DE; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1211689 (EP 2002075092)

INTERNATIONAL PATENT CLASS: G11B-027/036; G11B-027/32; G11B-027/10; G11B-020/12; G11B-027/36; H04N-005/92; H04N-005/926; H04N-009/82; H04N-009/804; H04N-005/85

CITED PATENTS (EP B): EP 635835 A; EP 644692 A; EP 737975 A; EP 777229 A; EP 800164 A; EP 855714 A; EP 877377 A

CITED REFERENCES (EP B):

UESAKA Y: "DVD AUTHORIZING SYSTEM" NATIONAL TECHNICAL REPORT, vol. 42, no. 5, 1 October 1996 (1996-10-01), pages 90-96, XP000618769 ISSN: 0028-0291

RYU S W ET AL: "A HIERARCHICAL LAYERED MODEL FOR DVD AUTHORIZING SYSTEM" IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, vol. 42, no. 3, 1 August 1996 (1996-08-01), pages 814-819, XP000644958 USA ISSN: 0098-3063

PATENT ABSTRACTS OF JAPAN vol. 098, no. 010, 31 August 1998 (1998-08-31) & JP 10 126739 A (KENWOOD CORP), 15 May 1998 (1998-05-15)

ANONYMOUS: "Hard Disk Cache Alterations for Digital Versatile/Video Disks" IBM TECHNICAL DISCLOSURE BULLETIN, vol. 40, no. 3, March 1997 (1997-03), page 165/166 166 XP002101335 ISSN: 0018-8689;

ABSTRACT EP 924704 A2

A recordable optical disc stores one or more video objects. A video stream, a first audio stream, and a second audio stream which is used for dubbing are multiplexed into each video object. Also, an optical disc recording apparatus generates the second audio stream by an audio stream generating means, and multiplexes the generated second audio stream into each video object together with the video object and the first audio stream by a multiplexing means. The generated video objects are recorded

onto the recordable optical disc by a recording means. The optical disc in which such video objects are stored facilitates dubbing.

ABSTRACT WORD COUNT: 103

NOTE:

Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 000503 A2 Date of request for examination: 20000303
Application: 990623 A2 Published application (A1with Search Report
;A2without Search Report)
Oppn None: 040310 B1 No opposition filed: 20031222
Change: 020417 A2 Title of invention (French) changed: 20020227
Change: 020417 A2 Title of invention (English) changed: 20020227
Change: 020417 A2 Title of invention (German) changed: 20020227
Examination: 010411 A2 Date of dispatch of the first examination
report: 20010228
Change: 020320 A2 Application number of divisional application
(Article 76) changed: 20020129
Grant: 030319 B1 Granted patent
Change: 990908 A2 International Patent Classification changed:
19990720

Search Report: 990908 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199925	3710
CLAIMS B	(English)	200312	1190
CLAIMS B	(German)	200312	1092
CLAIMS B	(French)	200312	1276
SPEC A	(English)	199925	15538
SPEC B	(English)	200312	12427
Total word count - document A			19252
Total word count - document B			15985
Total word count - documents A + B			35237

...CLAIMS the first and second audio streams includes a plurality of reproduction sections respectively associated with **time stamps** which each specifies a **presentation** time of a corresponding reproduction **section** , and

the **second** audio stream is generated to have the **time stamps** to allow the second audio stream to be **presented** from the same start reproduction time to the same end reproduction time as the first...

22/5,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00754268

SIGNAL PROCESSING SYSTEM
SIGNALVERARBEITUNGSSYSTEM
SYSTEME DE TRAITEMENT DU SIGNAL

PATENT ASSIGNEE:

Koninklijke Philips Electronics N.V., (200769), Groenewoudseweg 1, 5621
BA Eindhoven, (NL), (Proprietor designated states: all)

INVENTOR:

BLOKS, Rudolf, Henricus, Johannes, Groenewoudseweg 1, NL-5621 BA
Eindhoven, (NL)

LEGAL REPRESENTATIVE:

Groenendaal, Antonius Wilhelmus Maria et al (59381), Philips Intellectual
Property & Standards P.O. Box 220, 5600 AE Eindhoven, (NL)

PATENT (CC, No, Kind, Date): EP 723732 A1 960731 (Basic)

EP 723732 B1 031203

WO 96002098 960125

APPLICATION (CC, No, Date): EP 95921093 950622; WO 95IB508 950622

PRIORITY (CC, No, Date): EP 94201945 940705; EP 94201967 940707

DESIGNATED STATES: AT; DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04Q-011/04; H04N-007/62; H04L-012/64

CITED PATENTS (EP B): US 4636858 A; US 5260978 A; US 5303302 A

CITED REFERENCES (EP B):

PATENT ABSTRACTS OF JAPAN, Vol. 13, No. 298, E-784; & JP,A,1 077 344,
(NEC CORP), 23 March 1989.

PATENT ABSTRACTS OF JAPAN, Vol. 12, No. 221, E-625; & JP,A,63 016 737,
(NEC CORP), 23 January 1988.;

ABSTRACT WORD COUNT: 7746

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 010530 A1 Legal representative(s) changed 20010410

Application: 960501 A International application (Art. 158(1))

Oppn None: 041124 B1 No opposition filed: 20040906

Examination: 020828 A1 Date of dispatch of the first examination
report: 20020710

Grant: 031203 B1 Granted patent

Application: 960731 A1 Published application (A1with Search Report
;A2without Search Report)

Examination: 960918 A1 Date of filing of request for examination:
960725

*Assignee: 980826 A1 Applicant (name, address) (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200349	938
CLAIMS B	(German)	200349	920
CLAIMS B	(French)	200349	948
SPEC B	(English)	200349	6505
Total word count - document A			0
Total word count - document B			9311
Total word count - documents A + B			9311

...SPECIFICATION a period of the time-slot allocation pattern, whereas the
packet can be output as a whole, with its original timing using the
time - stamp .

It is an object of the invention to reduce the overhead occurring in
supplying fractions...

...CLAIMS the packets, for detecting when the time-value of the clock (128)
corresponds to the time - stamp in a particular packet and for

thereupon **presenting data** from that particular packet at an output (122), the source apparatus (10) being arranged, for...

...source apparatus (10) a sequence of packets via the bus (14), each packet comprising a **time - stamp**, for detecting when **the** time-value of the clock (128) **corresponds** to the **time - stamp** in a particular packet and for thereupon **presenting data** from **that particular** packet at an output (122), a first and a **second part** of at least one of the packets being supplied in different time-slots, characterized by...

6/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01405326

Method and data recorder for converting first data packet timestamps based on a first clock rate to second data packet timestamps based on a second clock rate

Verfahren und Datenaufzeichnungsgerät zur Umwandlung mit einer ersten Frequenz getakteten ersten Datenpaketzeitstempeln in mit einer zweiten Frequenz getakteten zweiten Datenpaketzeitstempeln

Procede et enregistreur des donnees pour la conversion des premieres horodatages de paquet de donnees basees sur une premiere frequence d'horloge en deuxieme horodatages de paquet de donnees basees sur une deuxieme frequence d'horloge

PATENT ASSIGNEE:

DEUTSCHE THOMSON-BRANDT GMBH, (473916), Hermann-Schwer-Strasse 3, 78048 Villingen-Schwenningen, (DE), (Applicant designated States: all)

INVENTOR:

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Klausberger, Wolfgang, Brunirode 33, 30880 Laatzen, (DE)
Li, Hui, Haltenhoffstr. 221, 30419 Hannover, (DE)
Ostermann, Ralf, Oberstr. 17, 30167 Hannover, (DE)

LEGAL REPRESENTATIVE:

Hartnack, Wolfgang, Dipl.-Ing. (78102), Deutsche Thomson-Brandt GmbH
European Patent Operations Karl-Wiechert-Allee 74, 30625 Hannover, (DE)

PATENT (CC, No, Kind, Date): EP 1189444 A1 020320 (Basic)

APPLICATION (CC, No, Date): EP 2000250307 000916;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/24; H04N-005/85

ABSTRACT EP 1189444 A1

DVD Rewritable/Re-recordable discs will be used for recording and playing back digital bitstreams, for example MPEG data packets. To enable proper real-time playback of stored MPEG transport packets, a time information is to be added to every data packet to be recorded. A DVD streamer is connected to the application device via an interface, e.g. IEEE 1394. The interface internally uses timestamps having a special format. According to the invention, such interface-generated timestamps are also used for the DVD stream recording, instead of additionally generated independent streamer-specific timestamps. However, a timestamp format conversion is to be carried out because the DVD Streamer timestamp format is different from the IEEE 1394 timestamp format. For such timestamp format conversion differences between consecutive IEEE 1394 timestamps are determined and are used for calculating the DVD stream recording timestamps.

ABSTRACT WORD COUNT: 136

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020320 A1 Published application with search report

Withdrawal: 030924 A1 Date application deemed withdrawn: 20020921

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200212	481
SPEC A	(English)	200212	1596
Total word count - document A			2077
Total word count - document B			0
Total word count - documents A + B			2077

...SPECIFICATION be superfluous.

Therefore, if according to the invention for DVD stream recording the IEEE 1394 **timestamps** are used, their 32-bit/ 24.576MHz format has to be converted into the above mentioned 48-bit/27.000MHz DVD format that is depicted in Fig. 2, wherein **PAT** denotes the packet arrival time.

The PAT is composed of PAT **base** having a length of 39 bits and PAT(underscore) **extension** having a length of 9 bits. PAT is used for the stream object information. Bit0...

6/5,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00889683 **Image available**

METHOD AND DATA RECORDER FOR RECORDING DATA PACKET TIMESTAMPS

PROCEDE ET ENREGISTREUR DE DONNEES POUR CONVERTIR DE PREMIERES ESTAMPILLES DE PAQUETS DE DONNEES FONCTION D'UNE PREMIERE FREQUENCE D'HORLOGE EN SECONDES ESTAMPILLES DE PAQUETS DE DONNEES FONCTION D'UNE SECONDE FREQUENCE D'HORLOGE

Patent Applicant/Assignee:

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, FR, FR (Residence), FR (Nationality), (For all designated states
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Patent Applicant/Inventor:

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(Nationality), (Designated only for: US)
KLAUSBERGER Wolfgang, Brunirode 33, 30880 Laatzen, DE, DE (Residence), DE
(Nationality), (Designated only for: US)
LI Hui, Haltenhoffstr. 221, 30419 Hannover, DE, DE (Residence), CN
(Nationality), (Designated only for: US)
OSTERMANN Ralf, Oberstr. 17, 30167 Hannover, DE, DE (Residence), DE
(Nationality), (Designated only for: US)

Legal Representative:

HARTNACK Wolfgang (agent), Deutsche Thomson-Brandt GmbH, European Patent
Operations, Karl-Wiechert-Allee 74, 30625 Hannover, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200223911 A2-A3 20020321 (WO 0223911)
Application: WO 2001EP10121 20010903 (PCT/WO EP0110121)
Priority Application: EP 2000250307 20000916

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID
IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TT
UA US UZ VN YU ZA
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04N-007/24

International Patent Class: H04N-005/85

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 2833

English Abstract

DVD Rewritable/Re-recordable discs will be used for recording and playing back digital bitstreams, for example MPEG data packets. To enable proper real-time playback of stored MPEG transport packets, a time information is to be added to every data packet to be recorded. A DVD streamer is connected to the application device via an interface, e.g. IEEE 1394. The interface internally uses timestamps having a special format. According to the invention, such interface-generated timestamps are also used for the DVD stream recording, instead of additionally generated independent streamer-specific timestamps. However, a timestamp format conversion is to be carried out because the DVD Streamer timestamp format is different from the IEEE 1394 timestamp format. For such timestamp format conversion differences between consecutive IEEE 1394 timestamps are determined and are used for calculating the DVD stream recording timestamps.

French Abstract

L'invention a trait a des disques DVD reenregistrables/reinscriptibles qui sont utilises pour enregistrer et lire des trains de bits numeriques, par exemple des paquets de donnees MPEG. Afin de permettre une lecture correcte en temps reel des paquets de transport MPEG stockes, une information temporelle doit etre ajoutee a chaque paquet de donnees devant etre enregistre. Un devideur de DVD est connecte au dispositif d'application par le biais d'une interface, par exemple IEEE 1394. L'interface utilise des estampilles internes ayant un format special. Selon l'invention, de telles estampilles generees par interface sont egalement utilisees pour l'enregistrement de train de bits DVD, a la place d'estampilles independantes et specifiques du devideur, generees de maniere additionnelle. Cependant, une conversion de format d'estampille doit etre effectuee car le format d'estampille du devideur de DVD est different du format d'estampille de IEEE 1394. Pour une telle conversion de format d'estampille, les differences entre des estampilles IEEE 1394 consecutives sont determinees et sont utilisees pour calculer les estampilles d'enregistrement de trains de bits DVD.

Legal Status (Type, Date, Text)

Publication 20020321 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20020613 Late publication of international search report

Republication 20020613 A3 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... superfluous.

Therefore if according to the invention for DVD stream recording the IEEE 1394 **timestamps** are used, their 32-bit/24.576MHz format has to be converted into the above mentioned 48-bit/27.000MHz DVD format that is depicted in Fig.

2. wherein **PAT** denotes the packet arrival time.

The PAT is composed of PAT- **base** having a length of 39 bits and PAT **extension** having a length of 9 bits. PAT is used for the stream object information. BitO...

6/5,K/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00883154 **Image available**

METHOD FOR RECORDING A DIGITAL DATA STREAM

PROCEDE D'ENREGISTREMENT D'UN FLUX DE DONNEES NUMERIQUES

Patent Applicant/Assignee:

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YOO Jea Yong, C-306, Maebong Samsung Apt., Dogok-dong, Kangnam-gu, Seoul
135-270, KR, KR (Residence), KR (Nationality), (Designated only for:
US)

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Legal Representative:

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Kangnam-gu, Seoul 135-272, KR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200217317 A1 20020228 (WO 0217317)

Application: WO 2001KR1420 20010822 (PCT/WO KR0101420)

Priority Application: KR 200048718 20000822

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G11B-020/04

Publication Language: English

Filing Language: Korean

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6003

English Abstract

The present invention relates to a digital data stream recording method. The present digital data stream recording method creates an additional empty stream object unit (SOBU) with only stuffing packets, if transport packets, received before a counted incremental packet arrival time for a SOBU exceeds a predetermined maximum incremental packet arrival time defined in a provisional standard related with a treamer, do not compose a single complete SOBU because the inpt bit rate of transport packets is so low that a SOBU is not fully written with transport packets within the maximum incremental time, and writes the time difference between the counted incremental packet arrival time and the maximum time in a mapping list entry associated with the created empty SOBU. Accordingly, an incremental time sum calculated from the mapping list is exactly matched with real incremental time counted for associated SOBUs, therefore, a

target position can be exactly found with the incremental time information written in the mapping list.

French Abstract

La presente invention concerne un procede d'enregistrement d'un flux de donnees numeriques. Ledit procede consiste a creer une unite d'objet de flux vide additionnelle uniquement au moyen de paquets de remplissage. Ce procede intervient lorsque des paquets de transport recus avant qu'une duree d'arrivee de paquet incrementielle relevee pour une unite d'objet de flux n'excede une duree d'arrivee de paquet incrementielle maximale definie dans une norme provisoire associee a un lecteur en continu, ne constituent pas une unite d'objet de flux complete individuelle, le debit binaire d'entree des paquets de transport etant si faible qu'une unite d'objet de flux n'est pas ecrite entierement au moyen de paquets de transport sur la duree d'arrivee de paquet incrementielle maximale. Ledit procede consiste par ailleurs a ecrire la difference temporelle entre la duree d'arrivee de paquet incrementielle relevee et la duree maximale dans une entree de liste de mappage associee a l'unite d'objet de flux vide creee. Ainsi, une somme de duree incrementielle calculee pour la liste de mappage est mise en correspondance exacte avec la duree d'arrivee incrementielle reelle relevee pour les unites d'objet de flux associees. Par consequent, une position cible peut etre determinee exactement au moyen des informations de duree incrementielle ecrites dans la liste de mappage.

Legal Status (Type, Date, Text)

Publication 20020228 A1 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... as a 6-byte packet arrival time (PAT) comprising
a 9-bit packet arrival time **extension** (PAT-ext) and 39-bit
packet arrival time **base** (PAT **base**), as shown in Fig - 6A. The
4
packet arrival time **extension** (PAT-ext) is a modulo-300
counter that is incremented at a rate of 27 MHz,, whereas the
packet arrival time base (PAT -base) is incremented at a rate
of 90 kHz. Unlike format of the stream start application
5packer arrival time (S-S-APAT), the **time stamp** recorded along
with the application packet shown in Fig. 3 is recorded as
a 4...

8/5,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01169568

Digital video recording system and its recording medium

System zur Aufnahme von digitalem Video und Aufnahmemedium

Système d'enregistrement vidéo numérique et son moyen d'enregistrement

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (2118850), 72 Horikawa-cho, Saiwai-ku,
Kawasaki-shi, Kanagawa-ken, (JP), (Applicant designated States: all)

INVENTOR:

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Kikuchi, Shinichi, c/o Toshiba Corporation, Intellectual Prop. Div., 1-1

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LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel (100401), Mohlstrasse 37, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1021048 A2 000719 (Basic)

EP 1021048 A3 021002

APPLICATION (CC, No, Date): EP 2000100595 000112;

PRIORITY (CC, No, Date): JP 997842 990114

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-009/804; H04N-005/783

ABSTRACT EP 1021048 A2

In a DVD recording/playback system, a set top box STB (83) receives an MPEG transport stream constituted by a plurality of transport packets, and a formatter (90) extracts support information indicating if management information included in the transport packets includes predetermined items. A disc drive (51) that records data on a recording medium having a management area and data area records the support information in the management area.

ABSTRACT WORD COUNT: 69

NOTE:

Figure number on first page: 14

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 000719 A2 Published application without search report

Examination: 000719 A2 Date of request for examination: 20000209

Change: 021002 A2 International Patent Classification changed:
20020814

Search Report: 021002 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200029	1257
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SPEC A	(English)	200029	17169
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Total word count - document A	18426
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Total word count - document B	0
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Total word count - documents A + B	18426
------------------------------------	-------

...SPECIFICATION some general information including the table AUSM and the optional tables AUEM and PTSL (Presentation **Time Stamp** List; cf. FIG. 34).

SOB(underscore)S(underscore)APAT describes the start Application

Packet Arrival Time of the Stream Object, i.e., the **packet**

arrival time of the first packet belonging to the SOB.

SOB(underscore)S(underscore)APAT is described...

...s PAT Describing Format.

PATS (Packet Arrival Times) are divided into two parts, namely a **base** part and an **extension** part. The **base** part holds the so-called 90 kHz unit value, and the **extension** part holds the less significant value measured in 27 MHz.

SOB(underscore)E(underscore)APAT...

16/5,K/2 (Item 2 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00842074 **Image available**

INFORMATION MANAGEMENT

GESTION D'INFORMATIONS

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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WESTERBERG Ida, Major Nilssonsgatan 11 B, S-217 52 Malmo, SE, SE
(Residence), SE (Nationality), (Designated only for: US)

Legal Representative:

AWAPATENT AB (agent), Box 5117, S-200 71 Malmo, SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200175780 A1 20011011 (WO 0175780)

Application: WO 2001SE591 20010321 (PCT/WO SE0100591)

Priority Application: SE 20001253 20000405

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06K-011/18

International Patent Class: **G06F-003/033**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5098

English Abstract

A product for managing information defines a function which is to be
executed with respect to information which is recorded from a writing
surface. The product is provided with a pattern, preferably an
absolute-position coding which is specific to the function so that
detection of the pattern makes it possible to identify the function
automatically. It is also intended to be attached to the writing surface
and comprises means for attaching it thereto. A device and a method for
managing information is also disclosed.

French Abstract

L'invention concerne un produit de gestion d'informations definissant une
fonction qui doit etre executee en relation avec une information qui
figure sur une surface d'ecriture et qui a ete enregistree. Le produit
est dote d'un motif, de preference un codage de position qui est
specifique a la fonction de telle facon que la detection des motifs
permet d'identifier automatiquement la fonction. Ce produit est destine a
etre attache a la surface d'ecriture et comporte un moyen permettant de
l'y attacher. L'invention concerne egalement un dispositif et un procede
permettant de gerer des informations.

Legal Status (Type, Date, Text)

Publication 20011011 A1 With international search report.

Publication 20011011 A1 Before the expiration of the time limit for

amending the claims and to be republished in the
event of the receipt of amendments.

Examination 20011227 Request for preliminary examination prior to end of
19th month from priority date

International Patent Class: **G06F-003/033**

Fulltext Availability:

Detailed Description

Detailed Description

... notepaper 30 with his digital pen
which digitally records the note by continuously detecting the **part** of
the **second** absolute-position coding **pat**
tern which is located within the field of view of the
image sensor 14 and...

Set	Items	Description
S1	6840	PACKET()ARRIVAL()TIME? ? OR PAT
S2	3545	TIMESTAMP? ? OR TIME()STAMP? ?
S3	2898745	TIME
S4	1542720	BASE
S5	164985	EXTENSION
S6	3317159	PRESENTATION OR PRESENTING OR PRESENTED OR VIEWING OR VIEW OR VIEWED OR DISPLAYING OR DISPLAYED OR DISPLAY OR PLAY OR PL- AYED OR PLAYING OR SHOW OR SHOWING OR SHOWN
S7	6590060	PART? ? OR SECTION? ? OR SECTOR? ? OR PORTION? ?
S8	38368	(TWO OR SECOND OR 2ND) (2N)S6
S9	8	S1 AND S2
S10	1248	S1 AND S3
S11	0	S10 AND (S4 (10N) S5)
S12	0	S10 AND S4 AND S5
S13	2	S1 AND (S4 (10N) S5)
S14	1	S8 (5N) S1
S15	789	S7 (5N) S1
S16	103	S15 AND S6
S17	33	S16 AND IC=G06F
S18	33	IDPAT (sorted in duplicate/non-duplicate order)
S19	33	IDPAT (primary/non-duplicate records only)
S20	0	S2 AND (S4 (10N) S5)

File 347:JAPIO Nov 1976-2005/Aug(Updated 051205)
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File 350:Derwent WPIX 1963-2006/UD,UM &UP=200606
(c) 2006 Thomson Derwent

Set	Items	Description
S1	32991	PACKET()ARRIVAL()TIME? ? OR PAT
S2	4318	TIMESTAMP? ? OR TIME()STAMP? ?
S3	6611214	TIME
S4	1365405	BASE
S5	526646	EXTENSION
S6	12548030	PRESENTATION OR PRESENTING OR PRESENTED OR VIEWING OR VIEW OR VIEWED OR DISPLAYING OR DISPLAYED OR DISPLAY OR PLAY OR PL- AYED OR PLAYING OR SHOW OR SHOWING OR SHOWN
S7	4774534	PART? ? OR SECTION? ? OR SECTOR? ? OR PORTION? ?
S8	3000	S1 AND (S2 OR S3)
S9	0	S8 AND (S4 (10N) S5)
S10	0	S8 AND S4 AND S5
S11	0	PACKET()ARRIVAL()TIME? ? AND S4 AND S5
S12	2	S2 AND (S4 (10N) S5)
S13	40	S7 (5N) S8
S14	11	S13 AND S6
S15	6	S14 NOT PY>1999
S16	6	RD (unique items)
S17	33	S13 NOT PY>1999
S18	27	S17 NOT S16
S19	24	RD (unique items)
File	8: Ei Compendex(R) 1970-2006/Jan W3	(c) 2006 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online 1861-2006/Jan	(c) 2006 ProQuest Info&Learning
File	65: Inside Conferences 1993-2006/Jan W4	(c) 2006 BLDSC all rts. reserv.
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File	94: JICST-EPlus 1985-2006/Nov W2	(c) 2006 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper Index(SM) 1979-2006/Jan 23	(c) 2006 The Gale Group
File	6: NTIS 1964-2006/Jan W3	(c) 2006 NTIS, Intl Cpyrghrt All Rights Res
File	144: Pascal 1973-2006/Jan W1	(c) 2006 INIST/CNRS
File	434: SciSearch(R) Cited Ref Sci 1974-1989/Dec	(c) 1998 Inst for Sci Info
File	34: SciSearch(R) Cited Ref Sci 1990-2006/Jan W3	(c) 2006 Inst for Sci Info
File	62: SPIN(R) 1975-2006/Jan W2	(c) 2006 American Institute of Physics
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File	57: Electronics & Communications Abstracts 1966-2006/Jan	(c) 2006 CSA.